

ALLOCATING NETWORK BANDWIDTH

ABSTRACT

In allocating bandwidth to data for transfer through a  
5 network device, bandwidth is allocated to committed data  
traffic based on a guaranteed data transfer rate and a queue  
size of the network device, and bandwidth is allocated to  
uncommitted data traffic using a weighted maximum/minimum  
process. The weighted maximum/minimum process allocates  
10 bandwidth to the uncommitted data traffic in proportion to a  
weight associated with the uncommitted data traffic.

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